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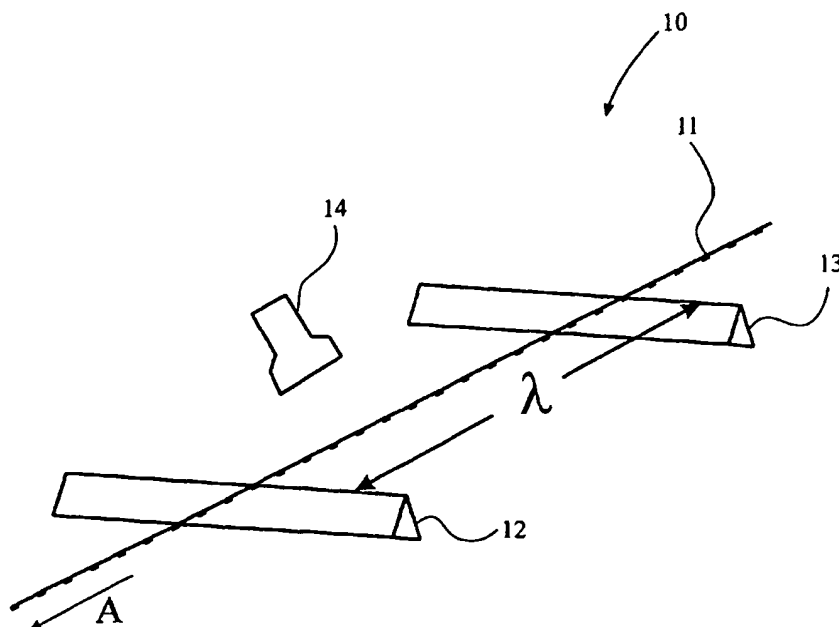
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(54) Title: TENSION MEASUREMENT



(57) Abstract: An apparatus and method for determining a tension in a target strand is disclosed. The method and apparatus provides a non-contact way for determining tension in any type of elongate element simply and efficiently.

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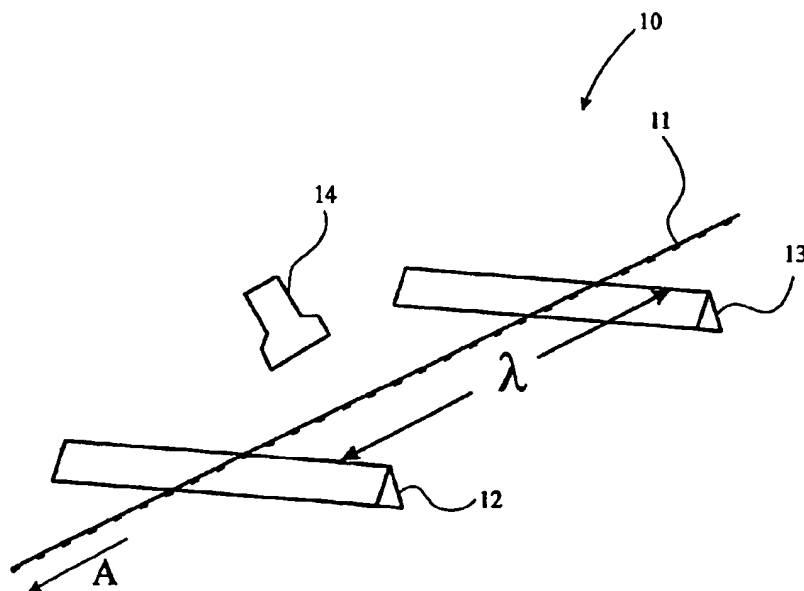
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(54) Title: **TENSION MEASUREMENT BY OPTICAL MEANS**



(57) Abstract: An apparatus and method for determining a tension in a target strand (11), e.g. a yarn is disclosed. The method and apparatus provides a non-contact way for determining tension in any type of elongate element simply and efficiently by means of an optical sensing head (14), e.g. of the CD linear array type.



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